

B & K Model 415 Parts List

488-084-9-004P

Schematic Symbol	Description	B & K Part No.	Schematic Symbol	Description	B & K Part No.
RESISTORS & CONTROLS					
R-64	100KΩ Trimpot .....	.008-164-9-001	Q-12 }		
R-69	5KΩ Trimpot .....	.008-087-9-001	Q-13]		
R-99	1 megΩ Trimpot .....	.008-069-9-001	Q-14 }		
R-202 }	10KΩ Trimpot .....	.008-058-9-001	Q-15]		
R-328]	5KΩ Trimpot .....	.008-057-9-001	Q-16]		
R-324			Q-17]		
R-327]			Q-18]		
R-350]	100Ω, 5W, 10% W.W. Resistor .....	.003-005-6-101	Q-19]		
R-350]	1.5KΩ MARKER AMP. Control .....	.008-092-9-001	Q-20]		
R-505	1 megΩ SWEEP WIDTH Control .....	.008-086-9-001	Q-201]		
R-512	10KΩ, IF-RF-VIDEO ATTENUATOR Control .....	.008-157-9-001			
R-515	w/DPDT Switch		Q-202]		
R-517	5KΩ W.W. 50V BIAS Control .....	.003-023-9-001	Q-203]		
R-518]	1.5KΩ W.W. 25V BIAS Control .....	.009-022-9-001	Q-204]		
R-519]			Q-301]		
CAPACITORS & TRIMMERS					
C-2	2-20 pfd Trimmer Capacitor .....	.028-001-9-001	Q-302]		
C-52]	10, μfd, 25 Volt Tantalum Capacitor .....	.027-001-9-005	Q-303]		
C-55]			Q-304]		
C-58]			Q-305]		
C-60	15 μfd, 20 Volt Tantalum Capacitor .....	.027-001-9-003	Q-306]		
C-62]			Q-307]		
C-63]			Q-308]		
C-66]	47, μfd, 6 Volt Tantalum Capacitor .....	.027-001-9-004	Q-309]		
C-70]			Q-401]		
C-72	10 μfd, 25 Volt Tantalum Capacitor .....	.027-001-9-005	Q-402]		
C-74	47 μfd, 6 Volt Tantalum Capacitor .....	.027-001-9-004	Q-501]		
C-345]			Q-502]		
C-346]	50 μfd, 75 Volt P.C. Electrolytic Capacitor .....	.022-038-9-001	Q-601]		
C-347]					
C-348	10 μfd, 25 Volt Tantalum Capacitor .....	.027-001-9-005			
C-349	47 μfd, 6 Volt Tantalum Capacitor .....	.027-001-9-004			
C-357	15 pfd, 200 Volt, 5% NPO Tubular Capacitor .....	.032-002-9-001			
C-358	6.8 pfd, 200 Volt, 5% NPO Tubular Capacitor .....	.032-001-9-001			
C-406	10 μfd, 25 Volt, Tantalum Capacitor .....	.027-001-9-005			
C-517	3 Section Electrolytic Capacitor .....	.021-032-9-001			
COILS-CHOKES-TRANSFORMERS					
L-1 thru {	Inductor, Variable (Green) .....	.044-017-9-001			
L-11	50 millihenry Choke .....	.041-033-9-001			
L-12	44 MHz Coil (Uses Tuning Core 870-005-9-001) .....	.041-041-9-001			
L201A	10.7 MHz Coil (Uses Tuning Core 870-005-9-001) .....	.041-043-9-001			
L201B					
L-301	Inductor, Variable (Violet) .....	.044-016-9-001	P-501 thru } P-512]		
L-302	Inductor, Variable (Red) .....	.044-013-9-001	P-513]		
L-303]					
L-304]					
L-305]	Inductor, Variable (Violet) .....	.044-016-9-001			
L-306]					
L-307	Inductor, Variable (Red) .....	.044-013-9-001	X-2]		
L-308	1 millihenry Coil, Variable .....	.044-011-9-001	X-3]		
L-401]			X-4]		
L-402]	3.9 microhenry Coil .....	.011-036-9-001	X-5]		
L-403]			X-6]		
L-404	Inductor, Variable (Green) .....	.044-017-9-001	X-7]		
L-591	33 microhenry Coil .....	.011-001-9-016	X-8]		
CH-201]	10 microhenry R.F. Choke .....	.041-001-9-023	X-9]		
CH-202]			X-10]		
CH-501]	R.F. Filter Choke .....	.041-034-9-001	X-11]		
CH-502]			X-301]		
T-501	Power Transformer, 117 Volt Pri. ....	.035-055-9-001	X-302]		
	Power Transformer, 234 Volt Pri. ....	.065-055-9-002	X-303]		
			X-401]		
DIODES & TRANSISTORS					
D-1 thru {	Diode, Silicon .....	.151-015-9-001			
D-5					
D-201]	Diode, Varactor .....	.153-001-9-001			
D-202]					
D-301]	Diode, Silicon .....	.151-015-9-001			
D-302]					
D-303 thru {	Diode, Silicon 1 amp 600 Volt .....	.151-018-9-001			
D-307]					
D-308]	Zener Diode, 27 Volt, 1 Watt, 5% .....	.152-011-9-001			
D-309]					
D-310	Zener Diode, 14 Volt, 1 watt 5% .....	.152-007-9-001			
D-311]					
D-312]	Diode, Silicon, 1 amp, 600 Volt .....	.151-018-9-001			
D-313]					
D-401]	Diode, Silicon .....	.151-014-9-001			
D-402]					
D-403	Diode, Silicon .....	.151-015-9-001			
D-501]					
D-502]	Diode, Silicon .....	.151-015-9-001			
D-503]					
Q-1 thru {	Transistor, NPN Silicon Signal (Yellow Dot) .....	.176-005-9-001			
Q-11					
DIODES & TRANSISTORS					
Q-12]	Transistor, NPN Silicon Signal (Green Dot) .....	.176-006-9-001			
Q-13]	Transistor, NPN Silicon Signal .....	.176-010-9-001			
Q-14]	Transistor, NPN Silicon Signal .....	.176-005-9-001			
Q-15]					
Q-16]	Transistor, NPN Silicon Signal (Blue Dot) .....	.176-008-9-001			
Q-17]	Transistor, Field Effect (MPF-105/2N5459) .....	.182-003-9-001			
Q-18]	Transistor, Field Effect (MPF-104/2N5458) .....	.182-010-9-001			
Q-19]	Transistor, NPN Silicon Signal (1 Green, 1 Violet Dot) .....	.176-032-9-001			
Q-20]	Transistor, Field Effect (RCA 40468) .....	.182-004-9-001			
Q-201]	Transistor, NPN Silicon Signal (Yellow Dot) .....	.176-005-9-001			
Q-202]	Transistor, NPN Silicon Signal (2N5127) .....	.176-012-9-001			
Q-203]					
Q-204]					
Q-301]					
Q-302]					
Q-303]					
Q-304]					
Q-305]					
Q-306]					
Q-307]					
Q-308]					
Q-309]					
Q-401]					
Q-402]					
Q-501]					
Q-502]					
Q-601]					
SWITCHES					
S-501 thru {	Switch, Slide, D.P.D.T. .....	.084-014-9-001			
S-520]					
S-521]					
S-522]					
LAMPS					
P-501 thru } P-512]	Neon Lamp w/100KΩ Resistor .....	.401-001-9-002			
P-513]	Neon Lamp NE-2L .....	.401-002-9-001			
CRYSTALS					
X-2]	Crystal, 39.75 MHz (2 Brown Dots) .....	.172-002-9-001			
X-3]	Crystal, 41.25 MHz (2 Red Dots) .....	.172-002-9-002			
X-4]	Crystal, 41.67 MHz (2 Orange Dots) .....	.172-002-9-003			
X-5]	Crystal, 42.17 MHz (2 Yellow Dots) .....	.172-002-9-004			
X-6]	Crystal, 42.67 MHz (2 Green Dots) .....	.172-002-9-005			
X-7]	Crystal, 42.75 MHz (2 Blue Dots) .....	.172-002-9-006			
X-8]	Crystal, 44.00 MHz (1 Brown, 1 Gray Dot) .....	.172-002-9-018			
X-9]	Crystal, 45.00 MHz (2 Violet Dots) .....	.172-002-9-007			
X-10]	Crystal, 45.75 MHz (2 White Dots) .....	.172-002-9-009			
X-11]	Crystal, 47.25 MHz (2 Black Dots) .....	.172-002-9-010			
X-301]	Crystal, 56.5 MHz (1 Brown, 1 Blue Dot) .....	.172-002-9-016			
X-302]	Crystal, 119.5 MHz (1 Brown, 1 Violet Dot) .....	.172-002-9-017			
X-303]	Crystal, 10.7 MHz (1 Brown, 1 Orange Dot) .....	.172-002-9-018			
X-401]	Crystal, 45.75 MHz (2 White Dots) .....	.172-002-9-009			
KNOBS & GLAMOR CAPS					
Knobs .....		.751-040-9-001			
Caps, Molded .....		.384-008-9-001			
PROBES-CABLES-TEST LEADS					
Probe, Demodulator		PR-151			
Cable, Terminated R.F. (75Ω/300Ω)		TP-41			
Red Test Lead .....		.522-035-9-001			
Black Test Lead .....		.522-036-9-001			
Cable, Mike Connector on One End, 10KΩ Series Resistor w/Alligator Clips on Other End .....		.522-043-9-001			
Cable, Mike Connector on One End, Banana Plugs on Other End .....		.522-044-9-001			
MISCELLANEOUS					
Case, Back .....		.272-057-9-903			
Case, Top .....		.272-058-9-903			
Case, Bottom .....		.272-059-9-903			
Case, Left .....		.272-060-9-903			
Case, Right .....		.272-061-9-903			
Fuse Holder Complete .....		.742-001-9-803			
Fuse, ½ amp, 250 Volt, 3AG .....		.191-251-3-102			
Rubber Feet .....		.991-002-9-001			
Line Cord, 3 Wire w/Molded Plug .....		.420-013-9-001			
Panel Connector .....		.772-001-9-001			
BNC Connector .....		.772-024-9-001			
Instruction Manual .....		.480-096-9-001			
Carton .....		.500-157-9-001			
Filler, Top & Bottom (2 required) .....		.503-033-9-001			
Filler, Sides (2 required) .....		.503-034-9-001			

Note: Standard value resistors and capacitors are not listed.

Minimum charge \$2.00 per invoice. Orders will be shipped C.O.D. unless previous open account arrangements have been made or remittance accompanies order. Advance remittance must cover postage or express charges.

Values may be obtained from schematic diagram.

**COMPOSITE
499-005-9-001S**





